



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

005290

D412-758-015
Job Sheet 182118



Part No: D412-758-015

Job Qty: 1 ea

Part Name: GPS Receiver Gimbal Mount



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 8/17/18

Job Tracking No:

Due Date: 9/14/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV D SHEET 24 IPP rev:A 10.06.21 new issue DD verified by:EC IPP REV:B 12.10.24 ECN 12-669
DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	9/14/18	9/14/18	0.00	0.00	Start Up Stores/Pkg-1		AUG 31 2018
110	Packaging	1 pcs	9/14/18	9/14/18	0.00	0.00	Packaging1-4		SEP 11 2018
115	QC	1 pcs	9/14/18	9/14/18	0.00	0.00	QC4		SEP 11 2018
120	Packaging	1 pcs	9/14/18	9/14/18	0.00	0.00	Packaging3-2		SEP 11 2018
125	DC	1 pcs	9/14/18	9/14/18	0.00	0.00	DC		SEP 11 2018
130	QC21-FG	1 Ea	9/14/18	9/14/18	0.00	0.00	QC21		SEP 11 2018

Part Op 120 - Identify and pack for shipping as per PPP D412-758-015 Location:FG023
Descriptions: 125 - Photocopy bluefile & type labels per PPP D412-758-015 CHG002

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN525-10R10	Screw	4 Ea (4 ea)	90-Start up Operation	FM135979
AN525-10R9	Screw	3 Ea (3 ea)	90-Start up Operation	FM13390-17
D2464	Neoprene Seal (\$Per Foot)	1.1000 ft (1.1 ea)	90-Start up Operation	FD1940
D3525-1	Placard	1 Ea (1 ea)	90-Start up Operation	5078642
D3531-041	Top Mounted Gps Bracket Assembly	1 Ea (1 ea)	90-Start up Operation	5108424
D3645-1	Washer	4 Ea (4 ea)	90-Start up Operation	5093391
MS21042L06	Nut	4 Ea (4 ea)	90-Start up Operation	MS21042L6
MS21042L3	Nut	3 Ea (3 ea)	90-Start up Operation	5089340
MS24693-S29	Screw	4 Ea (4 ea)	90-Start up Operation	FM136741-40
NAS1149D0363J	Washer	7 Ea (7 ea)	90-Start up Operation	5068661
NAS1149DN632J	Washer	4 pcs (4 ea)	90-Start up Operation	5024482
RAM-B-201U-A	Socket Arm, 1.75"	2 pcs (2 ea)	90-Start up Operation	5082699
RAM-B-202U	Round Plate Mount, Single 1" Ball	2 pcs (2 ea)	90-Start up Operation	5103052
RAM-B-217U	Round Plate Mount, Dual 1" Ball	1 pcs (1 ea)	90-Start up Operation	5074020

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN525-10R10	4	210	0
	AN525-10R9	3	68	0
	D2464	1	564	0
	D3525-1	1	10	0

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation				Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	

DART
 AEROSPACE
 Container No: S107478
 Part: D412-758-015
 Job No: 182118
 Serial No/Batch: S107478
 Revision: D
 Inspector: _____
 Exp Date: _____
 Instructions: TC STC SH03-14 Issue Ref Fab STG SR020941

Dart Aerospace Ltd.
 1270 Aberdeen Street
 Hamletbury, ON K6A 1K7
 CANADA
 TEL: 1 613 632-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

Root Cause			
Environment	☐	No F	☐
Design	☐	Oper	☐
Doc/Data	☐	Offse	☐
Equip/Tooling	☐	Suppli	☐
Handling/Pre	☐	Trainir	☐
Material	☐	Use for	☐
Internal Transport	☐	Poor Ini	☐
Tribal Knowledge	☐	Rushing	☐
LOA	☐	Product Improvement	☐
Substation	☐	Process Improvement	☐
Past Expiry Date	☐	Manufacturing Process	☐
Misidentified	☐	Past Due	☐

Wave/Twist in Tube ☐
 Marks/Chatter ☐

Countersink ☐
 Cut Too Short ☐
 Instructions Incomplete/Unclear ☐
 Drill Holes ☐

Loss/Surge program ☐

 Stock Pulled ☐
 Out of Sequence ☐
 Off-set ☐
 Mislabeled ☐
 Fit/Function ☐
 Misaligned/off center ☐

Positioned Wrong ☐
 Outside Dimensions ☐
 Over/Under tolerance ☐
 Part Incorrect ☐
 Part Lost/Missing ☐
 Part Moved ☐
 Drawing ☐
 Finish ☐
 Misread ☐
 Turning Sequence ☐

OTHER : _____

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev I

D3531-041	1	0	0
D3645-1	4	98	0
MS21042L06	4	158	0
MS21042L3	3	3,988	0
MS24693-S29	4	36	0
NAS1149D0363J	7	1,847	0
NAS1149DN632J	4	141	0
RAM-B-201U-A	2	6	0
RAM-B-202U	2	11	0
RAM-B-217U	1	7	0

Part Specifications

Specifications could not be found.

Plex 8/17/18 1:20 PM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Change Record

PAGE 1 OF 1

Part Number: D412-758-015

Description: GPSMAP TOP MOUNTED GPS RECEIVER GIMBAL MOUNT

[illegible]

5.0 PARTS LIST

QTY -011	QTY -013	QTY -015	Part Number	Description
X			D412-758-011	Bottom Mounted GPS Receiver Gimbal Mount
	X		D412-758-013	Top Mounted GPS Receiver Gimbal Mount
		X	D412-758-015	GPSMAP Top Mounted GPS Receiver Gimbal Mount
1			D3514-041	Bottom Mounted Gimbal Assembly
	1		D3514-043	Top Mounted Gimbal Assembly
		1	D3531-041	Bracket Assy.
	2	2	D2464-0066	Neoprene Seal
1	1	1	D3525-1	Placard
1			D3527-1	Support Arm
1			D3530-1	Base Plate
1			D3530-3	Mounting Plate
1	1		D3534-1	Doubler
	4	4	D3645-1	Washer
		3	AN525-10R9	Screw
	4	4	AN525-10R10	Screw
3			AN526-632R7	Screw (or MS35206-229)
3		4	NAS1149DN632J	Washer (Alternate p/n AN960JD6)
2	4	7	NAS1149D0363J	Washer (Alternate p/n AN960JD10)
3		4	MS21042L06	Nut
1		3	MS21042L3	Nut
4	4		MS24693-S27	Screw
1			MS27039-1-09	Screw
		4	MS24693-S29	Screw
		2	RAM-B-201U-A	Socket Arm, 1.75"
		2	RAM-B-202U	Round Plate Mount, Single 1" Ball
		1	RAM-B-217U	Round Plate Mount, Dual 1" Ball

REFERENCE ONLY

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Revision: D

Date: 12.08.10